

#6



PCT09

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RAW SEQUENCE LISTING

DATE: 03/05/2002

PATENT APPLICATION: US/09/914,146

TIME: 13:52:09

Input Set : A:\13687-002001.TXT

Output Set: N:\CRF3\03052002\I914146.raw

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4 <110> APPLICANT: Vainstein, Alexander
5   Ovadis, Marianna
6   Zuker, Amir
7 <120> TITLE OF INVENTION: TRANSGENIC PLANTS AND METHOD FOR
8   TRANSFORMING CARNATIONS
9
11 <130> FILE REFERENCE: 13687-002001
13 <140> CURRENT APPLICATION NUMBER: 09/914,146
14 <141> CURRENT FILING DATE: 2001-08-22
15 <150> PRIOR APPLICATION NUMBER: 60/121,239
16 <151> PRIOR FILING DATE: 1999-02-22
17 <150> PRIOR APPLICATION NUMBER: PCT/IL00/00110
18 <151> PRIOR FILING DATE: 2000-02-22
19 <160> NUMBER OF SEQ ID NOS: 11
20 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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22 <211> LENGTH: 987
23 <212> TYPE: DNA
24 <213> ORGANISM: Agrobacterium rhizogenes
25 <400> SEQUENCE: 1
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33 agcgatgagc tagctagaca catgaagaac gcctcaaagt agcgtaaacc cttgatcgag      120
34 ccgggtgaga atcaatcgat ggatattgac gaagaaggag ggtcgggtgg ccacgggctg      180
35 ctgtacctct acgtcgactg cccgacgatg atgctctgct tctatggagg gtccttgcc      240
36 tacaattgga tgcaaggcgc actcctcacc aaccttcccc cgtaccagca tgatgtgact      300
37 ctcgatgagg tcaatagagg gctcaggcaa gcatcagggt ttttcgggta cgcggatcct      360
38 atgctggagc cctacttcgc tgcattttct ttccctgggc gtgtcatcaa gctgaatgag      420
39 cagatggagc taacttcgac aaagggaag tgtctgacat tcgacctcta tgccagcacc      480
40 cagcttaggt tcgaacctgg tgagttggtg aggcattggc agtgcaagtt tgcaatcggc      540
41 taatggttag tcgatgggct gacgagtttg atgtcaggag aagctgagtg tgtcacttgt      600
42 ttccctttta gaagtattaa tgtaataaaa atcaagatct ggtttaataa ctggatactt      660
43 gatttcacgc cgcttttttt gaataaatgt ttgttgctct gactttaaga taccctttga      720
44 aatttgcggt attcgtatct cgcttttggt tatttccaaa agactttgct cagtaagatc      780
45 aaacggttgt atttctccgg gccacaatat ttgacctata tgactggcc caccgcccgc      840
46 aatagatgaa aattgcaaaa attagctatc ggtcttctga aaagaagggc cgacatgttt      900
47 tcatagacca tgcaaaagtc tactacctga aactgataaa taacgacaaa gaaagtagcc      960
48 tatttaaaag tcgctatagc atgaatt
49                                     987
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51 <211> LENGTH: 1360
52 <212> TYPE: DNA
53 <213> ORGANISM: Dianthus caryophyllus
54 <400> SEQUENCE: 2
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57 tttaacgtaat ataatacgta tcatattagg gtacattcat tttatcaact acgactgcat      120

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58 attgttagac agtctcatat atacgcataa aaaatggtcg ctgaaaaacc caaaacgctc 180
59 acttcactag aaggggacga taaattgaac tcgaattttg ttagggacga ggatgaacgt 240
60 ccgaaagtgg cgtataatga gtttagcaat gatattccgg tgatatctct tgctggtata 300
61 gatggtgaaa aaaggggtga aatatgtcgg aagattgttg aggcgtgtga agattggggg 360
62 atttttcaag tggttgatca cgggtgttgg gacgatctta ttgctgatat gactcggttg 420
63 gctcgtgaat ttttcgctct cccggcagaa gagaagctcc gatttgatat gtctggtggt 480
64 aaaaagggcg gttttatcgt gtcgagtcac cttcaggttc aatcaacagg gagaagtagt 540
65 gcaggactgg agggaaatcg tgacgtattt ctcataccgg acgaactcaa gggactacac 600
66 aagatggcca gacaaaccag agggttggat aaagggtcaca gaggaataca gcaacaagtt 660
67 aatgacctta gcatgtacac ttttaggtgt actttctgaa gccatgggtt tagaattaga 720
68 ggcacttact aaagcttggt ttgatatgga caaaagatt gtggttaatt actaccctaa 780
69 gtgccctcaa cctgacctta ctttagggct caagaggcac accgaccccg ggactataac 840
70 cctcctcctt caggaccaag tcggcggctc tcaggccact cgtgacgggtg gtaaaacttg 900
71 gattaccgtg cagccggttc ccggtgcctt cgttggttaac cttggtgatc atggtcatgt 960
72 tcggcgaaaa atggccaaag accttgagat cgcccgctat aagaggcttg ctaaagagga 1020
73 aatgcctttt aaagagttgg acgaggccaa gtttgagtcc aaatctattg accaaatact 1080
74 tgcttagatg ggcttggttt ggtttcatta tattaattt attattatta ttatttattg 1140
75 catttgatat gatatgattg gaaataaaag agagattggt tgtgataatt tgtgtgatta 1200
76 ttatatcact aagtattggc tttaatttgt ggtatgttgg gaattatata ttagtttt 1260
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82 <212> TYPE: DNA
83 <213> ORGANISM: Dianthus caryophyllus
84 <400> SEQUENCE: 3
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87 actctttaaa aggcatttcc tcttttagcaa gcctcttatg acgggcgatc tcaagggtctt 120
88 tggccatttt tcgccgaaca tgaccatgat caccaagggt aacaacgaag gcaccgggaa 180
89 ccggctgcac ggtaatccaa gttttaccac cgtcacgagt ggccctgaaga ccgccgactt 240
90 ggtcctgaag gaggagggtt atagtcgccg ggtcgggtgt cctcttgagc cctaaagtaa 300
91 ggtcagggtt agggcactta gggtagtaat taaccacaat cttttggtcc atatcaacac 360
92 aagcttttagt aagtcctct aattctaaac ccattgcttc agaaagtaca cctaaaagt 420
93 tacatgctaa ggtcattaac ttgttgctgt attcctctgt gacctttatc caaccctctg 480
94 gtttgtctgg ccattctgtg tagtccttg agttcgtcgg gtatgagaaa tacgtcacga 540
95 tttccctcca gtccgtcact acttctccct gttgattgaa cctgaagatg actcgacacg 600
96 ataaaaccgc cctttttacc accagacata tcaaatcgga gcttctcttc tgcggggaga 660
97 gcgaaaaatt cacgagccaa ccgagtcata tcagcaataa gatcgtcacc aacaccgtga 720
98 tcaaccactt gaaaaatccc ccaatcttca cagcctcaa caatcttccg acatatttca 780
99 ccctttttt caccatctat accagcaaga gatatcccg gaatatcatt gctaaactca 840
100 ttatacgcca ctttcggacg ttcattctcg tccctaacaa aattcgagtt caatttatcg 900
101 tccctttcta gtgaagtgg cgttttggg 929
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104 <211> LENGTH: 20
105 <212> TYPE: DNA
106 <213> ORGANISM: Artificial Sequence
108 <220> FEATURE:
109 <223> OTHER INFORMATION: Synthetically generated primer
111 <400> SEQUENCE: 4

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115 <211> LENGTH: 20
116 <212> TYPE: DNA
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119 <220> FEATURE:
120 <223> OTHER INFORMATION: Synthetically generated primer
122 <400> SEQUENCE: 5
123 aatctcgtga tggcaggttg                                20
125 <210> SEQ ID NO: 6
126 <211> LENGTH: 20
127 <212> TYPE: DNA
128 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
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133 <400> SEQUENCE: 6
134 cccaaaacgc tcacttcact                                20
136 <210> SEQ ID NO: 7
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138 <212> TYPE: DNA
139 <213> ORGANISM: Artificial Sequence
141 <220> FEATURE:
142 <223> OTHER INFORMATION: Synthetically generated primer
144 <400> SEQUENCE: 7
145 ccaagcccat ctaagcaagt                                20
147 <210> SEQ ID NO: 8
148 <211> LENGTH: 22
149 <212> TYPE: DNA
150 <213> ORGANISM: Artificial Sequence
152 <220> FEATURE:
153 <223> OTHER INFORMATION: Synthetically generated primer
155 <400> SEQUENCE: 8
156 gggccgatgg tcctgctact at                            22
158 <210> SEQ ID NO: 9
159 <211> LENGTH: 22
160 <212> TYPE: DNA
161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: Synthetically generated primer
166 <400> SEQUENCE: 9
167 acgcgctcga catgttccca aa                            22
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170 <211> LENGTH: 20
171 <212> TYPE: DNA
172 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
175 <223> OTHER INFORMATION: Synthetically generated primer
177 <400> SEQUENCE: 10
178 tgtgaatgtc gaagcgactc                                20

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182 <212> TYPE: DNA
183 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:
186 <223> OTHER INFORMATION: Synthetically generated primer
188 <400> SEQUENCE: 11
189 ttgaatttgg tggggacatt

20

03052002 013500

VERIFICATION SUMMARY

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